

Assignment for Form or Modelling studies or Minor? → Ask your teacher/professor for a signature.	Course Name	Signature Teacher
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ORDERFORM FOR CNC-MILLING (updated:10 July 2019)

Waitinglist Number

Name: _____
 Student number: _____ Study: _____
 Telephone: _____ Course: _____
 E-mail: _____
 Date: _____

File Check
Initial SA

Please consult with the staff at CAM-lab if you want to CNC mill

MATERIAL	THICKNESS in cm	LENGTH x WIDTH in cm	CM ³	MATERIAL COST
1				€
2				€
3				€
			Material sub-total	€

CNC milling operation	Time in minutes	Price per hour 6,-	Total
1		 x 6 = €
2		 x 6 = €
3		 x 6 = €
4		 x 6 = €
		Milling sub-total	€

Starting cost for milling: € 15,-
Price per hour: € 6,-
 Max. size 1220mm x 2440mm (300mm high)

TOTAL COSTS: material ...+ milling ...+ startup 15,- €

We don't keep many stock materials for the CNC-milling machine, and special materials need to be provided or arranged by the student.

MDF is available from the wood workshop in thickness 2mm to 18mm

NECURON (hardfoam) is available in different densities and in 50 or 100mm thickness, ask the CAM-lab staff for more information and pricing

STYROFOAM is available, in 50 or 100mm thickness, ask the CAM-lab staff for more information and pricing

SOLIDWOOD (blocks) need to be supplied by the student and can be bought at "Haagse fijnhouthandel" or other shops woodshops.

Read the back of this form carefully for more information

CAM-lab

The CAM-lab milling machine can be used to cut a variety of materials (wood, MDF, foam). We have a maximum work size of 3200mm by 1510mm and 300mm high. The milling machines can work in 3 axis (x,y,z). The input for milling is controlled by a 3D CAD drawing **you provide**. During the design process you can consult with staff for instructions on how to make the file ready for milling.

The price is **€ 6 per hour of milling time** (you pay per minute). The time it takes to cut materials depends on the amount of cutting and the size of the workpiece. Before milling it's possible to get an rough estimate based on the 3D drawings.

In the presentation periods there will be a queue!! Make sure you contact CamLab in time and have your files ready. Remember: The process of milling in most cases will take at least a day or longer especially if you need to order and prepare materials.

PROCEDURE

Before you start drawing please drop by to get advice between 9:00h and 11:00h at the CAM-lab.

It is important to communicate your wishes so we can give you advice to get a better result.

- 1 → **Be sure to start in time!** As said, the queue grows rapidly in the presentation periods. A waiting time of 2 weeks or more is to be expected.
- 2 → To minimize waiting times, big files as well as assignments that easily can be made with a different technique will be declined in the busy periods.
- 3 → Fill out this form on the other side, if the assignment is part of a form- or modeling studies, or minor obtain a signature from the responsible teacher / professor.
- 4 → Hand in your file **between 9.00h and 11.00h** and let it be checked by the people at CAM-lab
- 5 → **Materials:** We have some standard materials in stock (MDF), see the sizes listed on the other side. For a workpiece its sometimes needed to cut and glue pieces together to create the right thickness this is done by the staff at the wood workshop. If you want to provide your own material consult the staff about the possibilities.
- 6 → You will receive an e-mail or telephone call when the laser cutting is done.
- 7 → After picking up your stuff, pay the amount due for the milling at the CamLab.
- 8 → **More information:** <https://www.tudelft.nl/bk/over-faculteit/faciliteiten/modelling-techniques/camlab/>
- 9 → **Questions?** Mail: camlab-bk@tudelft.nl Tel: 015-2786540

Read this form carefully to avoid disappointment or extra work!